Title (en)
CONTROL METHOD FOR A VEHICLE, COMPUTER PROGRAM, NON-TRANSITORY COMPUTER-READABLE MEDIUM, AND AUTOMATED DRIVING SYSTEM

Title (de)
STEUERUNGSVERFAHREN FÜR EIN FAHRZEUG, COMPUTERPROGRAMM, NICHTTRANSITORISCHES COMPUTERLESBARES MEDIUM UND AUTOMATISIERTES ANTRIEBSSYSTEM

Title (fr)
PROCÉDÉ DE COMMANDE D'UN VÉHICULE, PROGRAMME INFORMATIQUE, SUPPORT LISIBLE PAR ORDINATEUR NON TRANSITOIRE ET SYSTÈME DE CONDUITE AUTONOME

Publication
EP 3752399 A1 20201223 (EN)

Application
EP 18707305 A 20180215

Priority
EP 2018053825 W 20180215

Abstract (en)
[origin: WO2019158204A1] A control method for a host vehicle (100), comprising a) acquiring a speed (Vx) of the host vehicle, a relative speed (Vr) and distance (Dr) between a preceding vehicle (200) and the host vehicle (100); b) calculating a perceived risk level (PRL) as a function of said speed Vx of the host vehicle, said relative speed Vr, said relative distance Dr, and at least one of variables Vx * Vr and Vx2; and c) controlling at least one vehicle device (32, 34, 36, 38) of the host vehicle as a function of the perceived risk level (PRL). A computer program, a non-transitory computer-readable medium, and an automated driving system for implementing the above method.

IPC 8 full level
B60W 30/14 (2006.01)

CPC (source: EP US)
B60W 10/18 (2013.01 - US); **B60W 30/143** (2013.01 - EP); **B60W 40/105** (2013.01 - US); **B60W 60/001** (2020.02 - US); B60W 10/06 (2013.01 - US); B60W 10/10 (2013.01 - US); B60W 10/20 (2013.01 - US); B60W 2520/10 (2013.01 - EP US); B60W 2554/801 (2020.02 - EP); B60W 2554/802 (2020.02 - US); B60W 2554/804 (2020.02 - EP US); B60W 2710/0666 (2013.01 - EP); B60W 2710/18 (2013.01 - EP); B60W 2710/207 (2013.01 - EP)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2019158204 A1 20190822; EP 3752399 A1 20201223; JP 2021514324 A 20210610; JP 7106660 B2 20220726; US 11897498 B2 20240213; US 2021001878 A1 20210107

DOCDB simple family (application)
EP 2018053825 W 20180215; EP 18707305 A 20180215; JP 2020543496 A 20180215; US 201816969245 A 20180215